

Part 4: Factoring

6. Factor completely: $8x^4 - 20x^3$

$$4x^3(2x - 5)$$

7. Factor completely: $4x^2 - 25$

$$(2x - 5)(2x + 5)$$

8. Factor completely: $x^2 - 8x + 12$

$$(x - 6)(x - 2)$$

9. Factor completely: $x^2 + 8x - 20$

$$(x + 10)(x - 2)$$

10. Factor completely: $2x^2 - 22x + 48$

$$2(x^2 - 11x + 24)$$
$$2(x - 8)(x - 3)$$

11. Factor completely: $5x^2 - 18x + 9$

$$(5x - 3)(x - 3)$$